

WESTERN REGION OFFICE 4160 DUBLIN BOULEVARD DUBLIN, CALIFORNIA 94568 925.479.6600 925.479.7800 (FAX)

August 16, 2002

Mr. Steve Munro, Compliance Project Manager California Energy Commission 1516 9th Street, MS 2000 Sacramento, CA 95814

Subject:

Metcalf Energy Center 99-AFC-3

Additional Material for Monthly Compliance Report #10, July 1-31,

2002

Dear Mr. Munro:

Enclosed is information that was inadvertently not included in the July Monthly Compliance Report. This information should be added to the last attachment of the report, Land Trust for Santa Clara County, Quarterly Operating Account Report for Quarter Ending 6/30/02.

If you have any questions please call me at (408) 463-6001.

Sincerely,

Kristen Sipes Environmental Compliance Manager METCALF ENERGY CENTER

Enclosures

QUARTERLY PROGRESS REPORT FIRST QUARTER, APRIL 2002

ACTIVITIES THIS MONTH

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared first quarterly status report.
- Debra and Stuart attended site meeting with California Energy Commission and U.S. Fish and Wildlife Service to discuss grazing issues on PG&E property and fence repair, cattle water use, and timing of grazing within all parcels of the Preserve.
- Consulted with rancher and Stuart Weiss regarding cattle needs, fencing, and start of grazing on the Tulare Hill parcel.
- Stuart Weiss prepared presentation materials for the MEC Ecological Preserve dedication for Lisa Poelle.

Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Continued work on the GIS data base for serpentine habitats in the MEC Ecological Preserve and Santa Clara Valley.
- Researched and prepared plans to begin aerial photography in the MEC Ecological Preserve in spring 2003.
- Established vegetation transects and collected baseline data on Tulare Hill and Coyote Ridge to determine habitat status pre-MEC construction and operation.
- Began Santa Clara Valley dudleya and Metcalf Canyon jewel-flower surveys on Tulare Hill.
- Conducted initial determination for cattle grazing exclosures around Santa Clara Valley dudleya.
- Conducted larvae and adult Bay checkerspot butterfly surveys.

Task 3: Ongoing Annual Monitoring Activities

 Ongoing monitoring activities will begin in late 2003 or after the initial monitoring activities are complete.

BUDGET STATUS

Copies of invoices through March 29, 2002 are attached. The original invoices were submitted to Calpine for payment. Total charges incurred have not exceeded those authorized.

OUT OF SCOPE EFFORTS

Out-of-scope efforts are being tracked separately for potential Purchase Order Modifications in the future. When necessary, out-of-scope activities will be invoiced separately. Separate purchase orders will be submitted at the end of the year only if the out-of-scope costs exceed the total lump sum contract amount for the 2002 Preserve monitoring.

QUARTERLY PROGRESS REPORT SECOND QUARTER, APRIL-JUNE 2002

ACTIVITIES THIS QUARTER

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared first quarterly status report.
- Debra and Stuart attended site meeting with California Energy Commission and U.S. Fish and Wildlife Service to discuss grazing issues on PG&E property and fence repair, cattle water use, and timing of grazing within all parcels of the Preserve.
- Consulted with rancher and Stuart Weiss regarding cattle needs, fencing, and start of grazing on the Tulare Hill parcel.
- Stuart Weiss prepared and delivered presentation materials for the MEC Ecological Preserve dedication to the Land Trust for Santa Clara County.

Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Completed plant transect data collection for the spring 2002 season.
- Completed larvae and adult Bay checkerspot butterfly surveys.
- Continued on coarse-scale mapping of Santa Clara Valley dudleya and Metcalf Canyon jewel-flower surveys on Tulare Hill and began data entry.
- Continued work on the GIS data base for serpentine habitats in the MEC Ecological Preserve and Santa Clara Valley.
- Researched and prepared plans to begin aerial photography in the MEC Ecological Preserve in spring 2003.
- Conducted initial determination for cattle grazing exclosures around Santa Clara Valley dudleya.
- Stuart conducted fire transect review in Santa Teresa Park to prepare for potential burn
 program on Tulare Hill as part of the U.S. Fish and Wildlife Service biological opinion terms
 and conditions.
- Incorporated the 2002 vegetation transect data into database for use in analyses.
- Began preparation for air pollution monitoring equipment to be installed on Tulare Hill and Coyote Ridge.
- Conducted field examination of grazing effects during 2nd quarter and evaluated the management goals for the first months of grazing regime implemented.

Task 3: Ongoing Annual Monitoring Activities

 Ongoing monitoring activities will begin after construction of the Metcalf Energy Center in late 2003 or after the initial monitoring activities are complete.

BUDGET STATUS

Copies of invoices from April through June, 2002 were sent to the Land Trust under separate cover by Calpine Corporation. The total amount invoiced to date is \$64,944 out of the estimated

\$90,200 anticipated costs for the first year of initial monitoring tasks. Approximately 72% of the project tasks are complete for the first year. The original invoices were submitted to Calpine for payment with reimbursement by the Land Trust. Total charges incurred have not exceeded those authorized.

OUT OF SCOPE EFFORTS

Out-of-scope efforts are being tracked separately for potential Purchase Order Modifications in the future. The only task that could be considered out –of-scope for the second quarter 2002 was the presentation at the MEC Ecological Preserve dedication ceremony. When necessary, out-of-scope activities will be invoiced separately. Separate purchase orders will be submitted at the end of the year only if the out-of-scope costs exceed the total lump sum contract amount for the 2002 Preserve monitoring.

ESTIMATED COSTS FOR NEXT TWO QUARTERS

Activities anticipated during the 3rd quarter (July through September 2002) include:

- Installation and implementation of the nitrogen deposition monitoring equipment,
- Analysis of the data collected from plant transects, larval and adult Bay checkerspot butterfly surveys, and Santa Clara Valley dudleya surveys,
- Annual monitoring report preparation, review, final production, and submittal to agencies,
- Development of the GIS database for serpentine habitats on Tulare Hill and Coyote Ridge.

Estimated costs for 3rd quarter: \$23,000

Activities anticipated during the 4th quarter (October through December 2002) include:

- Grazing management review to determine cattle density needed for the spring 2003 season,
 - Note: Grazing management review may include the remaining portion of Tulare Hill if PG&E decides to allow grazing on their parcel.
- Start early season field work to determine the appropriate start time for collecting plant transect data depending on rainfall, temperature, and plant growth.
- Continue nitrogen deposition data collection and monitoring.
- Continue the GIS data base development.

Estimated costs for 4th quarter: \$6,000.

MONTHLY PROGRESS REPORT April and May 2002

ACTIVITIES THIS PERIOD

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared status report for April and May 2002.
- Debra and Stuart attended site visit with California Energy Commission to review status of serpentine habitat and Bay checkerspot butterfly presence on Tulare Hill and Coyote Ridge parcels of the Preserve.
- U.S. Fish and Wildlife Service contacts to Stuart Weiss regarding grazing on PG&E parcel of Tulare Hill.
- Stuart Weiss conducted site visits with the Land Trust and other staff.
- Stuart Weiss presented information about Bay checkerspot butterfly requirements at the MEC Ecological Preserve dedication April 19.
- Researched feral cat program with USDA Wildlife Services.
- Reviewed proposed Preserve signs and consulted with CEC on design.

Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Completed the 2002 vegetation transect data collection on Tulare Hill and Coyote Ridge to determine habitat status pre-MEC construction and operation. Began data entry and initial analysis of plant data.
- Continued work on the GIS data base for serpentine habitats in the MEC Ecological Preserve and Coyote Ridge.
- Continued on coarse-scale mapping of Santa Clara Valley dudleya and Metcalf Canyon jewel-flower surveys on Tulare Hill and began data entry. Researched historical database location of Metcalf Canyon jewel-flower on Tulare Hill.
- Continued planning for air pollution monitoring and ordered/received pollution monitoring equipment.
- Conducted field examination of grazing effects in April and May and evaluated the management goals for the first months of grazing regime implemented.
- Examined the feasibility and efficacy for fire control on Tulare Hill by evaluating recent fire transects in Santa Teresa Park.

Task 3: Ongoing Annual Monitoring Activities

 Ongoing monitoring activities will begin in late 2003 or after the initial monitoring activities are complete.

BUDGET STATUS

Copies of invoices for April and May, 2002 were submitted under separate cover. The original invoices were submitted to Calpine forwarded to the Land Trust for payment. Total charges incurred have not exceeded those authorized.

OUT OF SCOPE EFFORTS

Out-of-scope efforts are being tracked separately for potential Purchase Order Modifications in the future. The only task that could be considered out –of-scope for the first quarter 2002 was the presentation at the MEC Ecological Preserve Dedication. When necessary, out-of-scope activities will be invoiced separately. Separate purchase orders will be submitted at the end of the year only if the out-of-scope costs exceed the total lump sum contract amount for the 2002 Preserve monitoring.

MONTHLY PROGRESS REPORT June 2002

ACTIVITIES THIS PERIOD

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared status report for June 2002.

Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Stuart conducted fire transect review in Santa Teresa Park to prepare for potential burn
 program on Tulare Hill as part of the U.S. Fish and Wildlife Service biological opinion terms
 and conditions.
- Incorporated the 2002 vegetation transect data into database for use in analyses.
- Continued work on the GIS data base for serpentine habitats in the MEC Ecological Preserve and Coyote Ridge.
- Continued on coarse-scale mapping of Santa Clara Valley dudleya and Metcalf Canyon jewel-flower surveys on Tulare Hill and began data entry.
- Began preparation for air pollution monitoring equipment to be installed on Tulare Hill and Coyote Ridge.
- Conducted field examination of grazing effects in April and May and evaluated the management goals for the first months of grazing regime implemented.

Task 3: Ongoing Annual Monitoring Activities

 Ongoing monitoring activities will begin in late 2003 or after the initial monitoring activities are complete.

BUDGET STATUS

Copies of the invoice for June 2002 is attached. The original invoices are submitted to Calpine and forwarded to the Land Trust for payment. Total charges incurred have not exceeded those authorized.

OUT OF SCOPE EFFORTS

Out-of-scope efforts are being tracked separately for potential Purchase Order Modifications in the future. No out of scope costs were incurred during June 2002. When necessary, out-of-scope activities will be invoiced separately. Separate purchase orders will be submitted at the end of the year only if the out-of-scope costs exceed the total lump sum contract amount for the 2002 Preserve monitoring.

MONTHLY PROGRESS REPORT July 2002

ACTIVITIES THIS MONTH

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared status report for June 2002.
- Prepared second quarterly report for Land Trust.

Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Installed the air pollution monitoring equipment on Tulare Hill and Coyote Ridge. Began monitoring activities.
- Began preparation of annual monitoring report for September submittal.
- The Metcalf Energy Center biological monitor monitored installation of the well on the Preserve under the MEC construction monitoring contract.

Task 3: Ongoing Annual Monitoring Activities

 Ongoing monitoring activities will begin in late 2003 or after the initial monitoring activities are complete.

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QUARTERLY PROGRESS REPORT FIRST QUARTER, APRIL 2002

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Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared first quarterly status report.
- Debra and Stuart attended site meeting with California Energy Commission and U.S. Fish and Wildlife Service to discuss grazing issues on PG&E property and fence repair, cattle water use, and timing of grazing within all parcels of the Preserve.
- Consulted with rancher and Stuart Weiss regarding cattle needs, fencing, and start of grazing on the Tulare Hill parcel.
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Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Continued work on the GIS data base for serpentine habitats in the MEC Ecological Preserve and Santa Clara Valley.
- Researched and prepared plans to begin aerial photography in the MEC Ecological Preserve in spring 2003.
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QUARTERLY PROGRESS REPORT SECOND QUARTER, APRIL-JUNE 2002

ACTIVITIES THIS QUARTER

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

Performed Project Management, contracts, and invoicing.

Prepared first quarterly status report.

- Debra and Stuart attended site meeting with California Energy Commission and U.S. Fish and Wildlife Service to discuss grazing issues on PG&E property and fence repair, cattle water use, and timing of grazing within all parcels of the Preserve.
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 and conditions.
- Incorporated the 2002 vegetation transect data into database for use in analyses.
- Began preparation for air pollution monitoring equipment to be installed on Tulare Hill and Coyote Ridge.
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- Continue nitrogen deposition data collection and monitoring.
- Continue the GIS data base development.

Estimated costs for 4th quarter: \$6,000.

MONTHLY PROGRESS REPORT April and May 2002

ACTIVITIES THIS PERIOD

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared status report for April and May 2002.
- Debra and Stuart attended site visit with California Energy Commission to review status of serpentine habitat and Bay checkerspot butterfly presence on Tulare Hill and Coyote Ridge parcels of the Preserve.
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MONTHLY PROGRESS REPORT June 2002

ACTIVITIES THIS PERIOD

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
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MONTHLY PROGRESS REPORT July 2002

ACTIVITIES THIS MONTH

Task 1: Project Management and Coordinate Compliance Activities with Land Trust and Agencies

- Performed Project Management, contracts, and invoicing.
- Prepared status report for June 2002.
- · Prepared second quarterly report for Land Trust.

Task 2: Initial Monitoring Tasks, October 2001 - September 2003

- Installed the air pollution monitoring equipment on Tulare Hill and Coyote Ridge. Began monitoring activities.
- Began preparation of annual monitoring report for September submittal.
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